U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) **CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

12671-007US1

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

2			51,221,00 0.8.6.0.1	Unassigned 10/51149				
			TERNATIONAL FILING DATE 5 April 2003	PRIORITY DATE CLAIMED 15 April 2002				
		F INVENTION TITATION OF BIOLOGICAL MOLECULES	S					
		ANT(S) FOR DO/EO/US						
Pav	el V.	. Bondarenko, Thomas A. Shaler and Dirk H.	Chelius					
App	olican	nt herewith submits to the United States Design	gnated/Elected Office (DO/EO/US) the follo	owing items and other information:				
1.	X	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.						
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.						
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4.	X	The US has been elected (Article 31).						
5.	X	A copy of the International Application as f						
			f not communicated by the International Bu	reau).				
		b. X has been communicated by the Inc. is not required, as the application	was filed in the United States Receiving Of	fice (RO/US).				
6.		An English language translation of the Inter	rnational Application as filed (35 U.S.C. 37)	(c)(2)).				
		a. is attached hereto.						
_		b. has been previously submitted un	, , , ,	G G 4514 VaV				
7.			nal Application under PCT Article 19 (35 U r if not communicated by the International B					
		a are attached hereto (required onlyb		uicau).				
•		c. have not been made; however, thed. have not been made and will not l	e time limit for making such amendments ha be made.	s NOT expired.				
8.		An English language translation of amendm	nents to the claims under PCT Article 19 (35	U.S.C. 371(c)(3)).				
9.		An oath or declaration of the inventor(s) (3:	5 U.S.C. 371(c)(4)).					
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).						
	Iten	ms 11 to 20 below concern document(s) or	information included:					
11.		An Information Disclosure Statement under	r 37 CFR 1.97 and 1.98.	•				
12.		An assignment document for recording. A	separate cover sheet in compliance with 37	CFR 3.28 and 3.31 is included.				
13.	X	A preliminary amendment.						
14.		An Application Data Sheet under 37 CFR 1.76.						
15.		A substitute specification.						
16.		A power of attorney and/or change of address letter.						
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.						
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4).						
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).						
20.		Other items or information:	•					
				CERTIFICATE OF MAILING BY EXPRESS MAIL xpress Mail Label No. EL 925 830 309 US Date of Deposit: 15 October 2004				

1 U Urasi ne	Inown, see 37 CFR 1.5)		L APPLICATION NO. S03/11870	ATTORNEY'S DO 12671-00				
21. The following fees	CALCULATIONS PTO USE ONLY							
Bāšic National Fee (37 CFR								
Neither international prelimin nor international search fee (3 and International Search Repo								
International preliminary examusers USPTO but International Search								
International preliminary exar but international search fee (3								
International preliminary example but all claims did not satisfy p								
International preliminary exar and all claims satisfied provis								
EN	TER APPROPRIA I I	E BASIC FEE AMOUNT	=	\$950.00				
Surcharge of \$130 for furnish from the earliest claimed prior	\$0.00							
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE					
Total Claims	31 - 20 =	11	x \$18	\$198.00				
Independent Claims	8 - 3 =	5	x \$88	\$440.00	`			
MULTIPLE DEPENDENT C	CLAIMS(S) (if applicab	le)	+ \$300	\$0.00				
		TOTAL OF ABOVE	CALCULATIONS =	\$0.00				
Applicant claims small ent	tity status. See 37 CFR	1.27. The fees indicated a	bove are reduced by 1/2.	\$0.00				
			SUBTOTAL =	\$1588.00				
D	\$0.00							
Processing fee of \$130 for fur from the earliest claimed prior	rity date (37 CFR 1.492	2(1))	TOTAL NATIONAL FEE =					
	rity date (37 CFR 1.492		L NATIONAL FEE =	\$1588.00				
	d assignment (37 CFR 1	TOTA 1.21(h)). The assignment n	nust be					
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